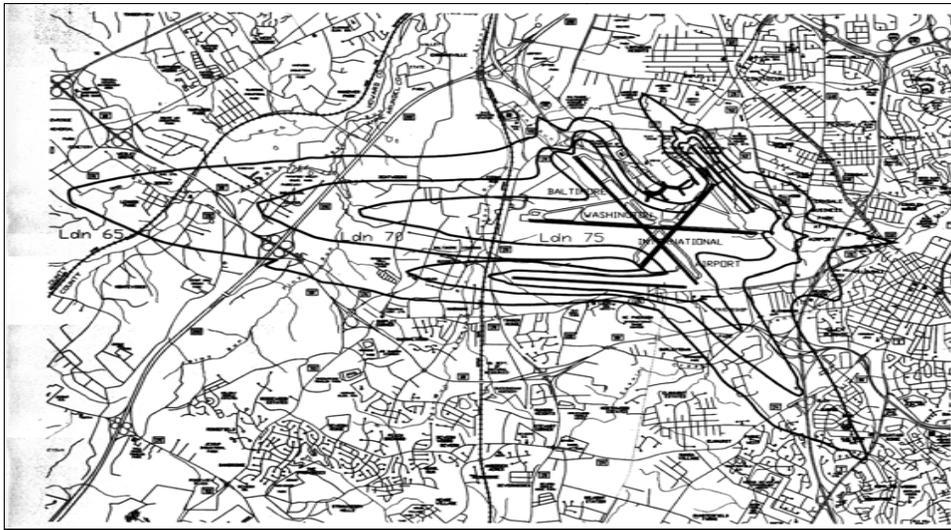


**MARYLAND AVIATION ADMINISTRATION
CAPITAL PROGRAM SUMMARY
(\$ MILLIONS)**

| | <u>FY 2002</u> | <u>FY 2003</u> | <u>FY 2004</u> | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY 2007</u> | <u>SIX-YEAR TOTAL</u> |
|---|----------------|----------------|----------------|----------------|----------------|----------------|---------------------------|
| <u>Construction Program</u> | | | | | | | |
| Major Projects | 143.4 | 292.5 | 272.9 | 64.1 | 65.5 | 15.4 | 853.8 |
| System Preservation Minor Projects | 44.9 | 64.1 | 42.6 | 43.3 | 35.5 | 42.6 | 273.0 |
| <u>Development & Evaluation Program</u> | <u>4.1</u> | <u>9.9</u> | <u>4.2</u> | <u>1.9</u> | <u>1.0</u> | <u>-</u> | <u>21.1</u> |
| SUBTOTAL | 192.4 | 366.5 | 319.7 | 109.3 | 102.0 | 58.0 | 1,147.9 |
| <u>Capital Salaries, Wages & Other Costs</u> | <u>4.8</u> | <u>5.6</u> | <u>5.9</u> | <u>6.0</u> | <u>6.2</u> | <u>6.4</u> | <u>34.9</u> |
| TOTAL | 197.2 | 372.1 | 325.6 | 115.3 | 108.2 | 64.4 | 1,182.8 |
| Special Funds | 77.0 | 104.3 | 50.2 | 46.1 | 39.0 | 43.0 | 359.6 |
| Federal Funds | 17.4 | 25.3 | 23.3 | 21.0 | 10.8 | 11.1 | 108.9 |
| Other Funding* | 102.8 | 242.5 | 252.1 | 48.2 | 58.4 | 10.3 | 714.3 |

* Other funding includes Maryland Transportation Authority (MdTA) bond financing; Passenger Facility Charges (PFC's); Customer Facility Charges (CFC's); and Maryland Economic Development Corporation (MEDCO) funds. These funds are included in the total.



STATUS: MAA has acquired 229 properties through FY 2001, and land acquisition is continuing.

PROJECT: Noise Zone Land Acquisition Program

DESCRIPTION: This program promotes compatible land use around BWI, the State's only domestic and international air carrier facility, through purchase of residential properties offered voluntarily for sale by owners within designated high noise areas.

JUSTIFICATION: The Maryland Environmental Noise Act requires the MAA to minimize the impact of aircraft related noise on people living near BWI. The purpose of this program is to purchase, at fair market value, the most severely impacted residential properties within the BWI Airport Noise Zone, consistent with local zoning.

SMART GROWTH STATUS

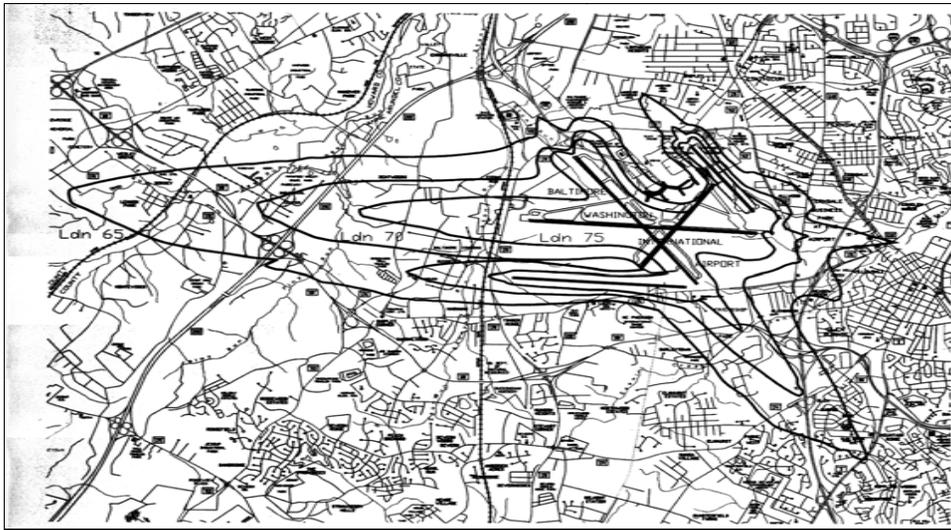
- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:
[Homeowner Assistance Program -- Line 2](#)

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: None.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input checked="" type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input type="checkbox"/> OTHER | | |
|---------------------------|------------------------------|---|-------------------|---|--|----------------------------------|--------------|--------------------------------|----------------|---------------------|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 32,203 | 31,078 | 375 | 375 | 375 | 0 | 0 | 0 | 1,125 | 0 |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 32,203 | 31,078 | 375 | 375 | 375 | 0 | 0 | 0 | 1,125 | 0 |
| Federal-Aid | 24,235 | 23,335 | 300 | 300 | 300 | 0 | 0 | 0 | 900 | 0 |

| PROJECT PHASE | FFY | FUND CATEGORY | FEDERAL FUND AMOUNT |
|---------------|------|---------------|---------------------|
| RW | 2002 | AIP | 300 |
| RW | 2003 | AIP | 300 |



STATUS: Full scale program began in FY 1991. MAA has participated in the soundproofing of 432 properties and sales assistance for 112 homes.

PROJECT: Homeowner Assistance Program

DESCRIPTION: This voluntary program provides for the mitigation of aircraft noise and improvement of land-use compatibility around BWI. Homeowners may elect to either sell their home, with the State ensuring a fair market value, or have their house soundproofed to reduce interior noise levels. The State receives an avigation easement for each participating property.

JUSTIFICATION: This program enhances the environment of neighboring communities by providing noise mitigation for homeowners residing within the BWI Airport Noise Zone starting with the most severely impacted communities.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

[Noise Zone Land Acquisition Program -- Line 1](#)

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: None.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input checked="" type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input type="checkbox"/> OTHER | | |
|---------------------------|------------------------------|---|-------------------|---|--|----------------------------------|--------------|--------------------------------|----------------|---------------------|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 251 | 231 | 0 | 0 | 10 | 10 | 0 | 0 | 20 | 0 |
| Right-of-way | 26,627 | 15,341 | 1,920 | 1,920 | 1,920 | 1,920 | 1,803 | 1,803 | 11,286 | 0 |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 26,878 | 15,572 | 1,920 | 1,920 | 1,930 | 1,930 | 1,803 | 1,803 | 11,306 | 0 |
| Federal-Aid | 17,936 | 9,800 | 1,376 | 1,376 | 1,376 | 1,376 | 1,316 | 1,316 | 8,136 | 0 |

| PROJECT PHASE | FFY | FUND CATEGORY | FEDERAL FUND AMOUNT |
|---------------|------|---------------|---------------------|
| RW | 2002 | AIP | 1,376 |
| RW | 2003 | AIP | 1,376 |
| RW | 2004 | AIP | 1,376 |
| RW | 2005 | AIP | 1,376 |
| RW | 2006 | AIP | 2,632 |



STATUS: Acquisition underway.

PROJECT: Protective Land Acquisition Program

DESCRIPTION: This program provides for the purchase of property in the immediate vicinity of the Baltimore / Washington International (BWI) and/or Martin State (MTN) airports to ensure its availability in future years for potential aviation purposes.

JUSTIFICATION: This multi-year program would provide the opportunity to protect property under the threat of development for future airport-related facilities, environmental requirements, and to ensure compatible land-use around the airports.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Total cost reduced \$12.5 million to show only expenditures for program period.

| POTENTIAL FUNDING SOURCE: | | | | | | | | | | |
|--|------------------------|------------------|--------------|--------------|-----------------------------|----------------|----------------|----------------|----------------|---------------------|
| <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER | | | | | | | | | | |
| PHASE | TOTAL | | CURRENT YEAR | BUDGET YEAR | PROJECTED CASH REQUIREMENTS | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | ESTIMATED COST (\$000) | EXPEND THRU 2001 | | | FOR PLANNING PURPOSES ONLY |2004..... |2005..... |2006..... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 28,957 | 6,336 | 2,228 | 3,349 | 4,000 | 4,500 | 5,272 | 3,272 | 22,621 | 0 |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 28,957 | 6,336 | 2,228 | 3,349 | 4,000 | 4,500 | 5,272 | 3,272 | 22,621 | 0 |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



STATUS: Construction substantially complete. Current activity involves commuter vestibule rehabilitation.

PROJECT: Concourse D Rehabilitation at BWI Airport

DESCRIPTION: This project provides for renovations to Concourse D. Improvements will include fire protection upgrades, new carpeting and wall treatments, lighting upgrades, new HVAC chiller plant and air handling units, roof replacement, skylights, and other electrical and mechanical upgrades.

JUSTIFICATION: Renovations are necessary to meet current fire code requirements and to replace building systems/components that have reached their useful life. Portions of this pier have not been upgraded since having been reconstructed eighteen years ago. Architectural improvements will be concentrated in the oldest part of Concourse D.

SMART GROWTH STATUS

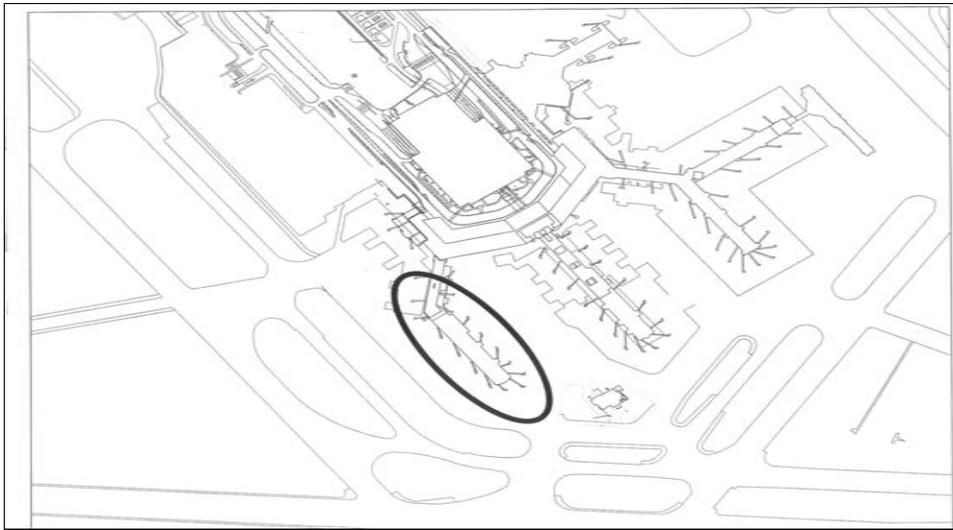
- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

- [Concourse B Terminal Extension at BWI Airport -- Line 5](#)
- [New Concourse A Terminal Expansion at BWI Airport -- Line 6](#)

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: None.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input type="checkbox"/> OTHER | | TOTAL | |
|---------------------------|------------------------|---|-------------------|----------------------------------|--|----------------------------------|--------------|--------------------------------|----------------|---------------------|--|
| PHASE | ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE | |
| | | | | |2004.... |2005.... |2006.... |2007.... | | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Engineering | 1,300 | 1,300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Construction | 17,249 | 16,811 | 438 | 0 | 0 | 0 | 0 | 0 | 438 | 0 | |
| Total | 18,549 | 18,111 | 438 | 0 | 0 | 0 | 0 | 0 | 438 | 0 | |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |



PROJECT: Concourse B Terminal Extension at BWI Airport

DESCRIPTION: This project provides for a 10-gate expansion of Concourse B, including new aircraft ramps, taxiway modifications, passenger holdrooms and services, and airline operations space.

JUSTIFICATION: Expansion of Concourse B is necessary to accommodate expansion of domestic flight operations and the resultant facility demands.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

- Rehabilitation of Concourse D at BWI Airport -- Line 4
- New Concourse A Terminal Expansion at BWI Airport -- Line 6

STATUS: New 10-gate pier extension opened June 2000. Current activity involves the relocation of displaced airlines.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: None.

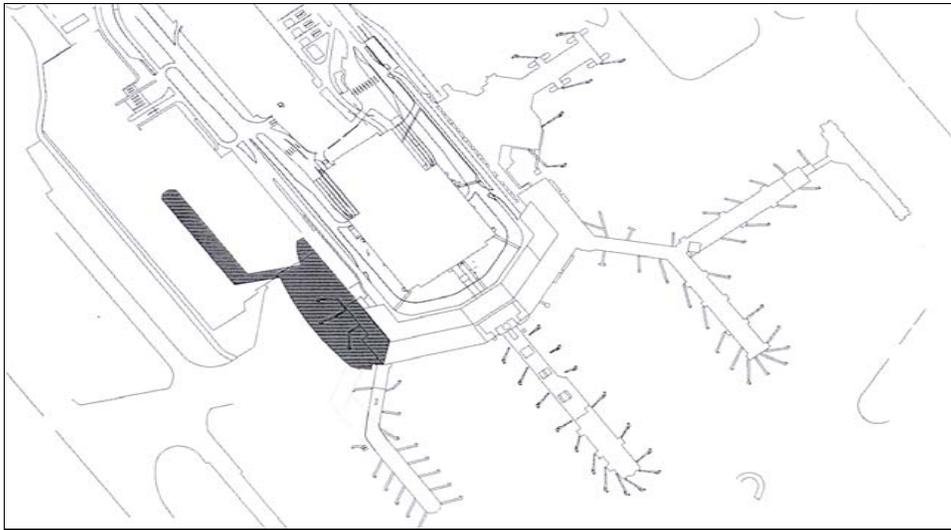
| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input checked="" type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input checked="" type="checkbox"/> OTHER | | |
|---------------------------|------------------------------|---|-------------------|---|--|----------------------------------|--------------|---|----------------|---------------------|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 5,214 | 5,214 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 43,361 | 39,473 | 2,519 | 1,369 | 0 | 0 | 0 | 0 | 3,888 | 0 |
| Total | 48,575 | 44,687 | 2,519 | 1,369 | 0 | 0 | 0 | 0 | 3,888 | 0 |
| Federal-Aid | 2,602 | 2,314 | 288 | 0 | 0 | 0 | 0 | 0 | 288 | 0 |

| FEDERAL FUNDING OBLIGATIONS BY YEAR | | | |
|-------------------------------------|------|---------------|---------------------|
| PROJECT PHASE | FFY | FUND CATEGORY | FEDERAL FUND AMOUNT |
| CO | 2002 | AIP | 1,165 |

USAGE: Accommodate projected increase of over 50% in passenger levels by 2010.

OPERATING COST IMPACT: Operating cost will be recovered through airport user fees.

* Project partially funded from Certificates of Participation bonds.
1008



PROJECT: New Concourse A Terminal Expansion at BWI Airport

DESCRIPTION: This project provides for the construction of a new 11-gate Concourse A that will ultimately be expanded to 16 gates. Project includes demolition of the existing 3-gates on Concourse A, construction of a new ticketing concourse, security, and concession area, 11 initial passenger gates and holdrooms, moving walkways, baggage claim areas on the lower level, and airline operations and support areas. The existing six-gate Concourse B will also be reconstructed to include, fire protection upgrades, expanded concessions, moving sidewalks, and other passenger amenities.

JUSTIFICATION: Expansion of Concourse A is necessary to accommodate the continued expansion of domestic air service.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

- 15R Parallel Taxiway and Aircraft Parking Ramp at BWI Airport -- Line 7
- Concourse B Terminal Extension at BWI Airport -- Line 5
- Central Utility Plant Expansion and Upgrade of Electrical Substations at BWI Airport -- Line 15

STATUS: Construction to start in FY 2002. Concourse B renovations to be underway in FY 2003.

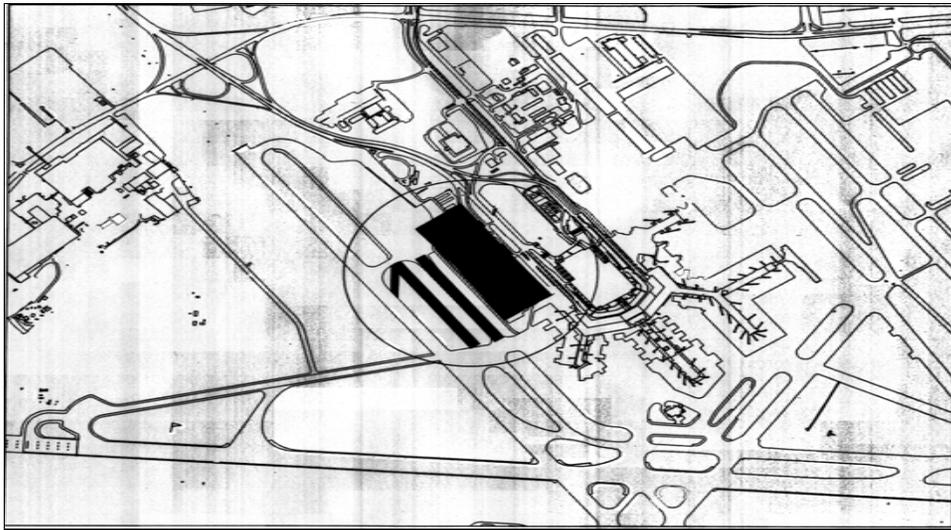
SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Project delayed due to further coordination with airline.

| POTENTIAL FUNDING SOURCE: | | <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER | | | | | | | | |
|---------------------------|------------------------------|--|-------------------|------------------|--|--------------|--------------|--------------|----------------|---------------------|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 175,464 | 0 | 17,365 | 45,621 | 112,478 | 0 | 0 | 0 | 175,464 | 0 |
| Total | 175,464 | 0 | 17,365 | 45,621 | 112,478 | 0 | 0 | 0 | 175,464 | 0 |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

USAGE: Accommodate projected 160 daily flights.

OPERATING COST IMPACT: Operating cost will be recovered through airport user fees.

Other funding is Maryland Economic Development Corporation (MEDCO).
1120



STATUS: Construction underway.

PROJECT: 15R Parallel Taxiway and Aircraft Parking Ramp at BWI Airport

DESCRIPTION: This project provides for the design of approximately 1,500 feet of taxiway parallel to Runway 15R. The project also provides for the new aircraft parking and deicing ramp adjacent to the new taxiway and immediately north of Pier A. The new ramp will be able to accommodate the ultimate 16-gate Concourse A and will be fitted with a gate deicing collection system.

JUSTIFICATION: Passenger levels are projected to increase 37% by 2010 with aircraft flights and movements to increase proportionately. This project is the final segment to complete a two-way taxiway to the Runway 15R holdblock and threshold. This will improve airport capacity by providing dual aircraft flow to the runway threshold, thereby allowing alternative routing and sorting of departing aircraft. The new ramp will provide sufficient aircraft ramp and parking positions to facilitate the Concourse A terminal expansion.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

[New Concourse A Terminal Expansion at BWI Airport -- Line 6](#)

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Project phasing changed to accommodate terminal expansion construction. Cost increase of \$7.9 million reflects final scope adjustments and actual contract bid amount.

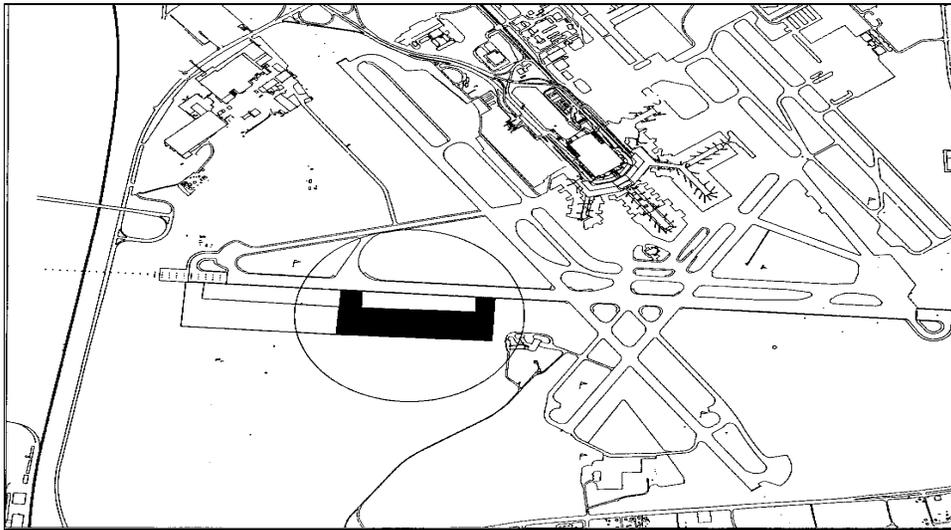
| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input checked="" type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input checked="" type="checkbox"/> OTHER | | |
|---------------------------|------------------------------|---|-------------------|---|--|----------------------------------|--------------|---|----------------|---------------------|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 2,145 | 1,508 | 468 | 169 | 0 | 0 | 0 | 0 | 637 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 59,108 | 1,206 | 6,294 | 17,041 | 20,544 | 14,023 | 0 | 0 | 57,902 | 0 |
| Total | 61,253 | 2,714 | 6,762 | 17,210 | 20,544 | 14,023 | 0 | 0 | 58,539 | 0 |
| Federal-Aid | 38,112 | 2,035 | 9,137 | 11,446 | 7,747 | 7,747 | 0 | 0 | 36,077 | 0 |

| PROJECT PHASE | FFY | FUND CATEGORY | FEDERAL FUND AMOUNT |
|---------------|------|---------------|---------------------|
| CO | 2002 | AIP | 6,781 |
| CO | 2003 | AIP | 4,748 |
| CO | 2004 | AIP | 7,748 |
| CO | 2005 | AIP | 7,748 |

USAGE: Accommodate projected increase of over 50% in passenger levels by 2010.

OPERATING COST IMPACT: Operating cost will be recovered through airport user fees.

Other Funding is Revenue Bonds supported by a Passenger Facility Charge (PFC).



STATUS: Infrastructure construction complete. First hangar completed.

PROJECT: Midfield Cargo Complex at BWI Airport - Phase I: Infrastructure Improvements

DESCRIPTION: This project provides for the design and construction of infrastructure for a new air cargo complex south of Runway 10-28. The project includes: site preparation for up to four cargo buildings, access roadway, utilities, and taxiway construction for access to two of the four potential buildings. Buildings will be developed by private developers.

JUSTIFICATION: The Airport Master Plan identifies the need for additional air cargo capacity. These buildings will allow for the continual expansion of BWI's domestic and international air cargo services. The existing air cargo space is not sufficient to meet current and projected demand. This facility would contribute to the State's economic and business development.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

[Midfield Cargo Complex at BWI Airport, Phase II - Cargo Support Area & Airfield Improvements -- Line 9](#)

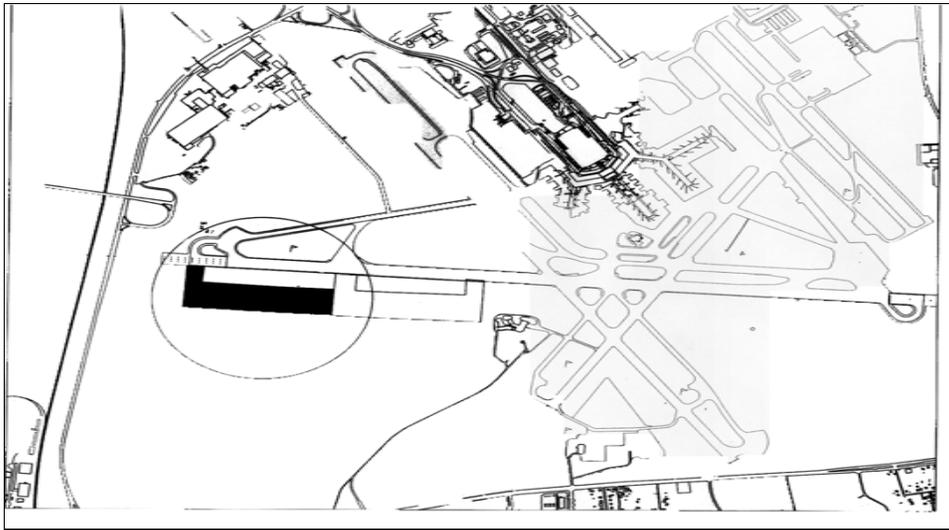
SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: None.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input checked="" type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input type="checkbox"/> OTHER | | |
|---------------------------|------------------------------|---|-------------------|---|--|----------------------------------|--------------|--------------------------------|----------------|---------------------|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 402 | 402 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 2,546 | 2,546 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 17,259 | 17,068 | 191 | 0 | 0 | 0 | 0 | 0 | 191 | 0 |
| Total | 20,207 | 20,016 | 191 | 0 | 0 | 0 | 0 | 0 | 191 | 0 |
| Federal-Aid | 3,772 | 3,772 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

USAGE: Up to 358,000 square feet of additional cargo and office/support space to be provided.

OPERATING COST IMPACT: Operating costs will be recovered through airport user fees.

* \$11.5 million developer contribution for use of State-owned Buildings B, C and F included in FY 2000 capital program revenue.



STATUS: Cargo support areas opened for temporary vehicle parking.

PROJECT: Midfield Cargo Complex at BWI Airport, Phase II - Cargo Support Area & Airfield Improvements

DESCRIPTION: This project provides for the design and construction for the airfield improvements and cargo support areas to support the Phase II development of the air cargo complex south of Runway 10/28. The project includes the paving, and installation of airfield lighting, markings, and signing for the taxiways to access the final two building sites in the complex. The building will be developed by a private developer. The project also includes the construction of designated cargo support areas in the midfield complex. These areas will be temporarily used for tenant vehicle parking until a new Tenant Parking Facility is completed.

JUSTIFICATION: Consistent with the need identified in the Airport Master Plan for additional air cargo capacity, this project will allow for the phased development of the Midfield Cargo Complex. This project will provide for the continued expansion of BWI's domestic and international air cargo services, and contribute to the State's economic and business development.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

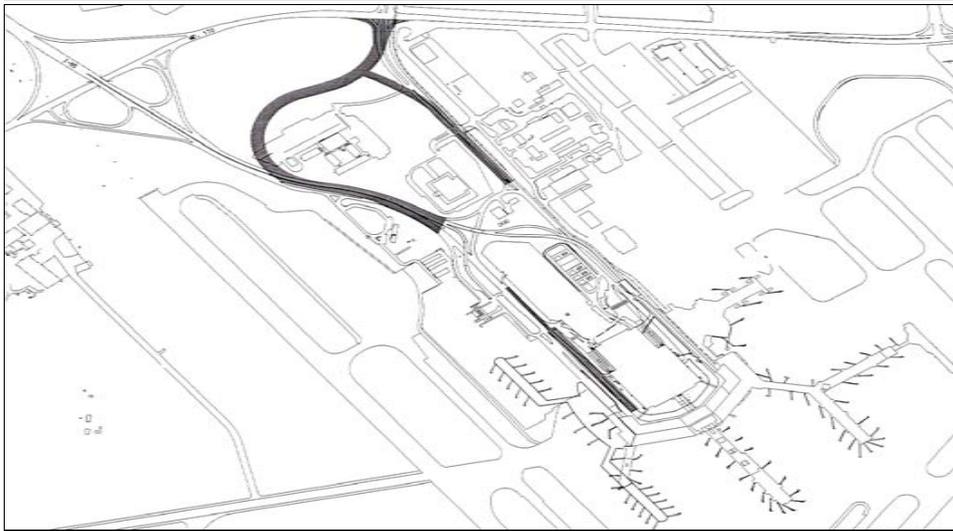
- [Midfield Cargo Complex at BWI Airport - Phase I: Infrastructure Improvements -- Line 8](#)
- [New Tenant Parking Facility -- Line 14](#)

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Phase II development completion delayed until new Tenant Parking Facility opens.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input type="checkbox"/> OTHER | | |
|---------------------------|------------------------------|---|-------------------|----------------------------------|--|----------------------------------|--------------|--------------------------------|----------------|---------------------|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 800 | 40 | 504 | 256 | 0 | 0 | 0 | 0 | 760 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 9,700 | 8,650 | 178 | 605 | 267 | 0 | 0 | 0 | 1,050 | 0 |
| Total | 10,500 | 8,690 | 682 | 861 | 267 | 0 | 0 | 0 | 1,810 | 0 |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

USAGE: Cargo support airfield access for up to 358,000 square feet of hangar/office space.

OPERATING COST IMPACT: Operating costs will be recovered thru airport user fees.



PROJECT: Terminal Entrance Roadway Improvements - Phase I: Upper Level Roadway Extension and Terminal Access/Return Roadway at BWI Airport

DESCRIPTION: This project provides for the construction of a 700 foot extension of the upper level curbside and roadway at Concourse A. The project involves demolition of the existing roadway ramp, extension of the upper level curbside and roadway, construction of a new terminal access/return roadway and reconfiguration of the access roadway traffic markings/signalling.

JUSTIFICATION: To address projected upper level roadway capacity and curbside space requirements at the terminal. The project will also help relieve traffic congestion and contribute to the State's economic and business development.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

[Terminal Entrance Roadway Improvements - Phase II: Upper Level Commercial Roadway Widening and Pedestrian Overpasses at BWI Airport -- Line 11](#)

STATUS: Construction underway.

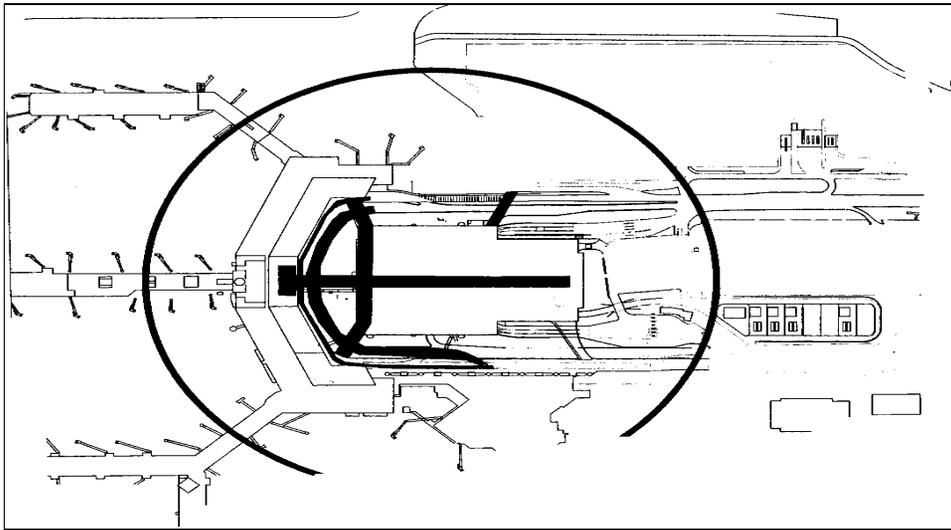
SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Cost increased \$5.5 million due to final scope adjustments and actual bids.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input checked="" type="checkbox"/> OTHER | | | |
|---------------------------|------------------------------|---|-------------------|----------------------------------|--|----------------------------------|--------------|---|----------------|---------------------|--|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE | |
| | | | | |2004.... |2005.... |2006.... |2007.... | | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Engineering | 5,249 | 4,341 | 908 | 0 | 0 | 0 | 0 | 0 | 908 | 0 | |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Construction | 50,051 | 6,441 | 19,561 | 24,049 | 0 | 0 | 0 | 0 | 43,610 | 0 | |
| Total | 55,300 | 10,782 | 20,469 | 24,049 | 0 | 0 | 0 | 0 | 44,518 | 0 | |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

USAGE: Accommodate projected increase of over 50% in passenger levels by 2010.

OPERATING COST IMPACT: None.

* Other funding sources are Maryland Transportation Authority Bond Financing and Revenue bonds supported by a Passenger Facility Charge (PFC).



PROJECT: Terminal Entrance Roadway Improvements - Phase II: Upper Level Commercial Roadway Widening and Pedestrian Overpasses at BWI Airport

DESCRIPTION: The project includes new enclosed, elevated pedestrian bridge skywalks with moving walkways from the existing garage to the terminal building at Concourse A, B, and D over the upper level roadway, and moving walkways in the existing parking garage to enhance circulation. The project also widens the upper level roadway to add two new lanes for use by commercial and airport shuttle vehicles.

JUSTIFICATION: This project is necessary to address projected upper level roadway capacity requirements. The project will also help relieve traffic congestion and contributes to the State's economic and business development.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

- Terminal Entrance Roadway Improvements - Phase I: Upper Level Roadway Extension and Terminal Access/Return Roadway at BWI Airport -- Line 10
- Central Utility Plant Expansion and Upgrade of Electrical Substation at BWI Airport -- Line 15
- Installation of Moving Walkways and Escalators at BWI Airport -- Line 17

STATUS: Construction to start in FY 2002.

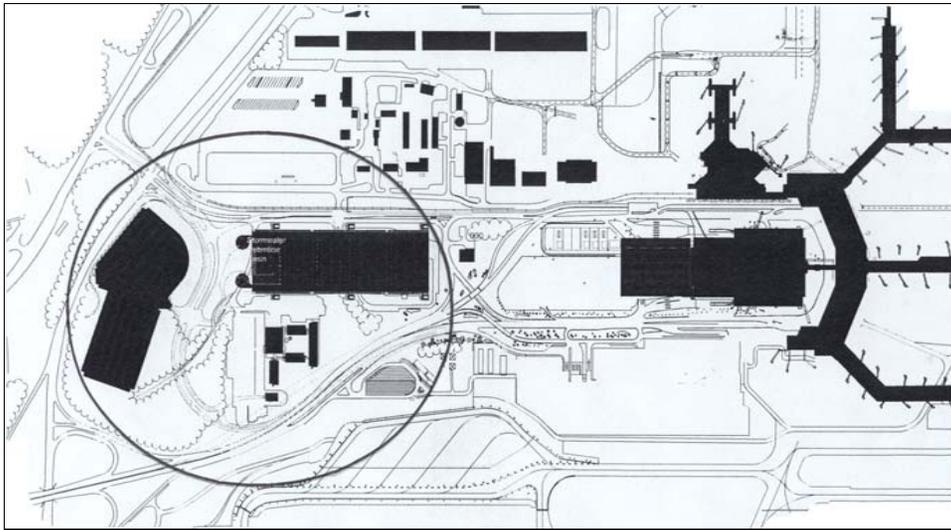
SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: None.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER | | | | | | | | |
|---------------------------|------------------------------|---|-------------------|------------------|--|---------------|---------------|---------------|----------------|---------------------|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 11,716 | 5,905 | 1,829 | 3,982 | 0 | 0 | 0 | 0 | 5,811 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 160,305 | 5 | 12,009 | 13,117 | 25,872 | 40,523 | 58,455 | 10,324 | 160,300 | 0 |
| Total | 172,021 | 5,910 | 13,838 | 17,099 | 25,872 | 40,523 | 58,455 | 10,324 | 166,111 | 0 |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

USAGE: Accommodate projected increase of over 50% in passenger levels by 2010.

OPERATING COST IMPACT: Operating cost will be recovered through airport user fees.

* Other funding sources are Maryland Transportation Authority Bond Financing and Revenue bonds supported by a Passenger Facility Charge (PFC).



STATUS: Garage construction underway. Surface lot complete.

PROJECT: New Elm Road Public Parking Structure and Surface Lot at BWI Airport

DESCRIPTION: This project provides for construction of an 8,400 space multi-level parking structure off Elm Road including entrance and exit ramps, revenue control plazas, elevators, and parking way finding technology. The location of the new parking structure will require the relocation of the MDOT Headquarters Building. The project also includes construction of a 1,400 space surface lot at Elm Road and Aviation Boulevard, including a revenue control plaza, access/egress provisions, and shelters.

JUSTIFICATION: Public parking demand at BWI is projected to increase 50% by the year 2010. Provision of adequate parking near the terminal is critical for meeting business and other travelers' needs. This project will also provide needed capacity to replace parking capacity impacted by terminal expansion and airfield improvements. This project contributes to the State's economic and business development.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

[Terminal Parking Garage Expansion, Phase II, at BWI Airport -- Line 25](#)

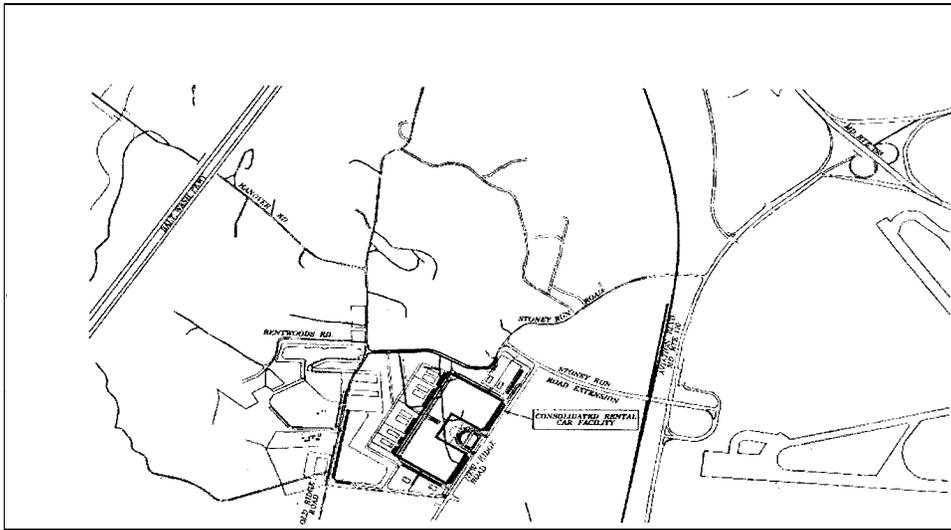
SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Cost decreased \$14.7 million due a transfer to the Secretary's Office for a grant payment to MEDCO and transfer of lease payments for the new MDOT Headquarters building to the operating program.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input checked="" type="checkbox"/> OTHER | | | |
|---------------------------|------------------------------|---|-------------------|----------------------------------|--|----------------------------------|--------------|---|----------------|---------------------|--|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE | |
| | | | | |2004.... |2005.... |2006.... |2007.... | | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Engineering | 5,216 | 3,867 | 635 | 714 | 0 | 0 | 0 | 0 | 1,349 | 0 | |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Construction | 170,265 | 0 | 26,724 | 76,895 | 66,646 | 0 | 0 | 0 | 170,265 | 0 | |
| Total | 175,481 | 3,867 | 27,359 | 77,609 | 66,646 | 0 | 0 | 0 | 171,614 | 0 | |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

USAGE: Accommodate projected increase of over 50% in passenger levels by 2010.

OPERATING COST IMPACT: Operating cost will be recovered thru airport parking fees.

Other funding sources are Maryland Transportation Authority Bond Financing and Revenue bonds supported by a Passenger Facility Charge (PFC)..



STATUS: Land acquisition completed. Construction underway.

PROJECT: Consolidated Rental Car Facility at BWI Airport

DESCRIPTION: This project provides for a new rental car facility located immediately west of the airport off Stoney Run Road. The site will consolidate rental car activities providing customer service facilities, an expanded area for vehicle ready/return, vehicle service and maintenance facilities, and vehicle storage areas. MAA will furnish shuttle buses for the facility to provide service to the terminal.

JUSTIFICATION: Rental car facilities at BWI are reaching capacity and cannot accommodate projected passenger demand. The limited existing ready/return, maintenance and storage facilities are causing a high level of inefficient operations and customer delay. New consolidated facilities at a remote site will provide adequate space for immediate and future growth, and contribute to the State's economic and business development.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

[New Tenant Parking Facility -- Line 14](#)

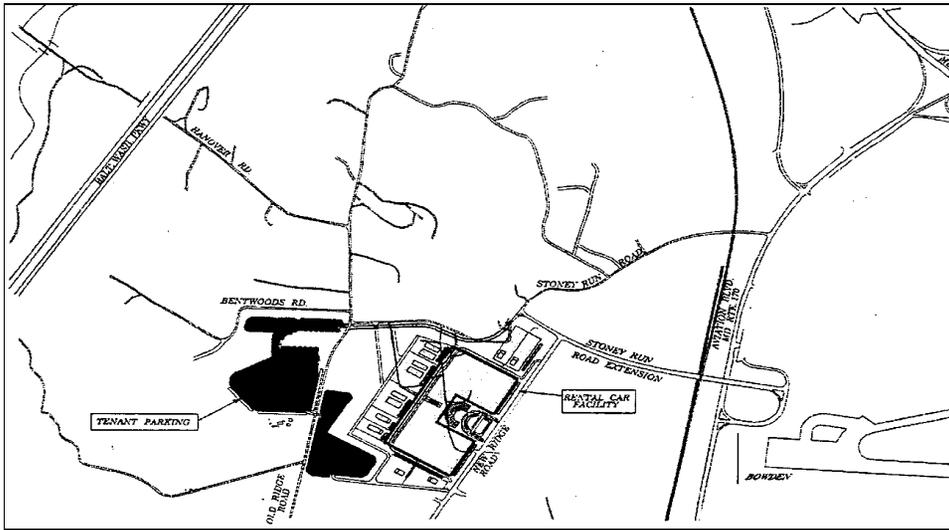
SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Construction delayed from FY 2001 to FY 2002 due to readvertisement of project.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input checked="" type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input checked="" type="checkbox"/> OTHER | | | |
|---------------------------|------------------------------|---|-------------------|---|--|----------------------------------|--------------|---|----------------|---------------------|--|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE | |
| | | | | |2004.... |2005.... |2006.... |2007.... | | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Engineering | 5,853 | 3,666 | 2,187 | 0 | 0 | 0 | 0 | 0 | 2,187 | 0 | |
| Right-of-way | 7,339 | 7,339 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Construction | 118,865 | 0 | 20,679 | 67,664 | 30,522 | 0 | 0 | 0 | 118,865 | 0 | |
| Total | 132,057 | 11,005 | 22,866 | 67,664 | 30,522 | 0 | 0 | 0 | 121,052 | 0 | |
| Federal-Aid | 563 | 0 | 0 | 563 | 0 | 0 | 0 | 0 | 563 | 0 | |

USAGE: Accommodate projected increase of over 50% in passenger levels by 2010.

OPERATING COST IMPACT: Operating cost will be recovered thru rental car user fee.

* Project primarily funded by Revenue bonds supported by a Customer Facility Charge (CFC).



STATUS: Construction underway.

PROJECT: New Tenant Parking Facility

DESCRIPTION: This project provides for a 3,000 space tenant employee parking facility located off Stony Run Road and Old Ridge Road immediately west of BWI, and adjacent to the new Consolidated Rental Car Facility. This site allows for future expansion of tenant parking as needed. Shuttle bus service will provide access to the terminal.

JUSTIFICATION: The project is required to accommodate the increase in parking for airline and tenant employees as a result of the introduction of new and expanded airline service at BWI. The existing tenant parking facility at Elkridge Landing Road has been converted to public parking with tenant parking relocated on an interim basis to the Midfield Cargo Complex cargo support areas. This project contributes to the State's economic and business development.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

- [Consolidated Rental Car Facility at BWI Airport -- Line 13](#)
- [Midfield Cargo Complex at BWI Airport - Phase II: Cargo Support Area & Airfield Improvements -- Line 9](#)

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Cost increase of \$1.3 million reflects final scope adjustments and actual bid amount.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input type="checkbox"/> OTHER | | | |
|---------------------------|------------------------------|---|-------------------|----------------------------------|--|----------------------------------|--------------|--------------------------------|----------------|---------------------|--|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE | |
| | | | | |2004.... |2005.... |2006.... |2007.... | | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Engineering | 1,200 | 1,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Right-of-way | 953 | 953 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Construction | 11,644 | 23 | 11,621 | 0 | 0 | 0 | 0 | 0 | 11,621 | 0 | |
| Total | 13,797 | 2,176 | 11,621 | 0 | 0 | 0 | 0 | 0 | 11,621 | 0 | |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

USAGE: Accommodate projected increase of over 50% in passenger levels by 2010.

OPERATING COST IMPACT: Operating costs will be recovered thru airport tenant fees.



PROJECT: Central Utility Plant Expansion and Upgrade of Electrical Substation at BWI Airport

DESCRIPTION: This project provides the further expansion of the Central Utility Plant cooling and heating capacity, and the upgrade of the north and south electrical substation, which are the two main electrical feeders for the airport.

JUSTIFICATION: Airport facility expansion requires additional heating/cooling and electrical capacity. Additional capacity will be required for the new conditioned pedestrian overpasses and walkways, terminal building expansion, and increased loads due to increasing facility demand resulting from growth.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

[Terminal Roadway Improvements - Phase II: Upper Level Commercial Roadway Widening and Pedestrian Overpasses at BWI Airport -- Line 11](#)
[New Concourse A Terminal Expansion at BWI Airport -- Line 6](#)

STATUS: Construction to start in FY 2002.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: None.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input checked="" type="checkbox"/> OTHER | | | |
|---------------------------|------------------------------|---|-------------------|----------------------------------|--|----------------------------------|--------------|---|----------------|---------------------|--|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE | |
| | | | | |2004.... |2005.... |2006.... |2007.... | | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Engineering | 1,552 | 522 | 1,030 | 0 | 0 | 0 | 0 | 0 | 1,030 | 0 | |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Construction | 26,535 | 1 | 6,598 | 19,936 | 0 | 0 | 0 | 0 | 26,534 | 0 | |
| Total | 28,087 | 523 | 7,628 | 19,936 | 0 | 0 | 0 | 0 | 27,564 | 0 | |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

USAGE: Accommodate projected increase of over 50% in passenger levels by 2010.

OPERATING COST IMPACT: Operating cost will be recovered through airport user fees.

Other funding is Maryland Transportation Authority Bond Financing.
1128



STATUS: Design completed with construction underway in FY 2002.

PROJECT: Remote Aircraft Parking at BWI Airport

DESCRIPTION: This project provides for the construction of a new remote aircraft parking ramp to accommodate up to four aircraft. The new ramp, easily accessible for the air cargo complex and the north terminal, will be located east of the International Terminal and west of Runway 15L.

JUSTIFICATION: Demand for overnight parking of aircraft has surpassed availability. All gates at the terminal are currently occupied overnight with increasing numbers of aircraft parking in more distant and inconvenient runway holdblocks which disrupts airfield operations. Overnight aircraft parking is critical for airline scheduling and securing new flights and contributes to the State's business and economic development.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: None.

| POTENTIAL FUNDING SOURCE: | | | | | | | | | | |
|--|------------------------------|------------------------|-------------------|------------------|--|--------------|--------------|--------------|----------------|---------------------|
| <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER | | | | | | | | | | |
| PHASE | TOTAL ESTIMATED COST (\$000) | TOTAL EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 234 | 147 | 87 | 0 | 0 | 0 | 0 | 0 | 87 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 2,840 | 0 | 2,797 | 43 | 0 | 0 | 0 | 0 | 2,840 | 0 |
| Total | 3,074 | 147 | 2,884 | 43 | 0 | 0 | 0 | 0 | 2,927 | 0 |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

USAGE: Accommodate projected increase of over 50% in passenger levels by 2010.

OPERATING COST IMPACT: Operating costs will be recovered thru airport user fees.

Other Funding is Revenue Bonds supported by a Passenger Facility Charge (PFC).

1129



STATUS: Fabrication of walkway underway at factory.

PROJECT: Installation of Moving Walkways and Escalators at BWI Airport

DESCRIPTION: This project involves the installation of 27 bi-directional moving walkways for Concourses A and B, the existing parking garage, and four skywalks. Work involves reconstruction of the floor to accommodate a trench for the moving walkway mechanisms as well as installation of the walkways.

JUSTIFICATION: Provision of moving walkways improves access for airport passengers and visitors especially for those carrying luggage.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

- [New Concourse A Terminal Expansion at BWI Airport -- Line 6](#)
- [Terminal Entrance Roadway Improvements - Phase II: Upper Level Commercial Roadway Widening and Pedestrian Overpasses at BWI Airport -- Line 11](#)

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Cost decrease of \$1.8 million due to actual contract bid amount.

| POTENTIAL FUNDING SOURCE: | | | | | | | | | | | |
|---|------------------------|------------------|-------------------|------------------|--|--------------|--------------|--------------|----------------|---------------------|----------|
| <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER | | | | | | | | | | | |
| PHASE | ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE | |
| | | | | |2004.... |2005.... |2006.... |2007.... | | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 50 | 5 | 24 | 21 | 0 | 0 | 0 | 0 | 45 | 0 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 12,587 | 0 | 2,117 | 5,454 | 3,652 | 1,364 | 0 | 0 | 12,587 | 0 | 0 |
| Total | 12,637 | 5 | 2,141 | 5,475 | 3,652 | 1,364 | 0 | 0 | 12,632 | 0 | 0 |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

USAGE: Accommodate projected 100% increase in passenger levels by 2010.

OPERATING COST IMPACT: Operating costs will be recovered through airport user fees.

Other funding sources are Maryland Economic Development Corporation (MEDCO) and Revenue Bonds supported by a Passenger Facility Charge (PFC).



STATUS: System to be installed in FY 2003.

PROJECT: Full Buildout of Parking Guidance System in Existing Parking Garage at BWI

DESCRIPTION: This project will provide for the completion of the installation of the parking guidance system in the existing parking garage. The electronic system consist of sensors above each parking space relaying real-time information concerning space availability upon approaching the garage, as well as, the number of available spaces on each level and in individual rows.

JUSTIFICATION: Parking capacity is severely limited due to the increasing passenger levels and resultant demand for parking. Demand for close-in parking in the existing garage is at a premium. The new system will allow for greater efficiency and higher capacity in the garage. Typically, parking facilities are closed when they reach 85% capacity to ensure availability in a reasonable search time. The precision and efficiency of the new system allows for 100% capacity before the facility is closed.

SMART GROWTH STATUS

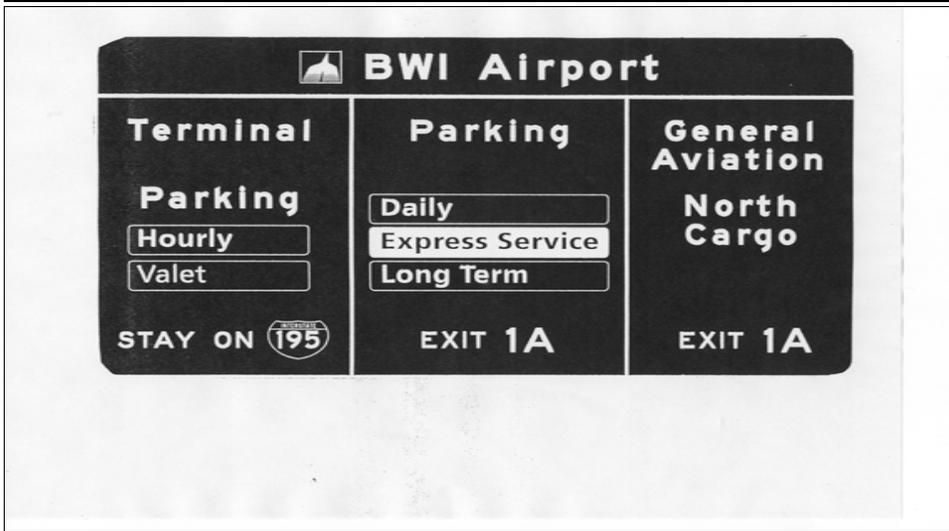
- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: New Project.

| POTENTIAL FUNDING SOURCE: | | | | | | | | | | |
|--|------------------------|------------------|--------------|-------------|-----------------------------|--------------|--------------|--------------|----------------|---------------------|
| <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER | | | | | | | | | | |
| PHASE | TOTAL | | CURRENT YEAR | BUDGET YEAR | PROJECTED CASH REQUIREMENTS | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | ESTIMATED COST (\$000) | EXPEND THRU 2001 | | | FOR PLANNING PURPOSES ONLY | | | | | |
| | | | 2002 | 2003 |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 3,219 | 0 | 193 | 3,026 | 0 | 0 | 0 | 0 | 3,219 | 0 |
| Total | 3,219 | 0 | 193 | 3,026 | 0 | 0 | 0 | 0 | 3,219 | 0 |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



STATUS: Fabrication of signs to start in FY 2002. Installation to begin in FY 2003.

PROJECT: Comprehensive Roadway Sign System at BWI

DESCRIPTION: Installation of new standardized roadway guidance and parking signage system for BWI and airport related facilities on major entrance roadways.

JUSTIFICATION: The project will provide roadway guide signage incorporating integrated Variable Message Signs (VMS) technologies. This project will also provide a method of informing patrons on parking lot availability in advance of key decision points and guiding them with VMS signs to alternate open parking facilities. This project will introduce a new graphic design for airport signage that will be unique and easily identified for airport wayfinding.

SMART GROWTH STATUS

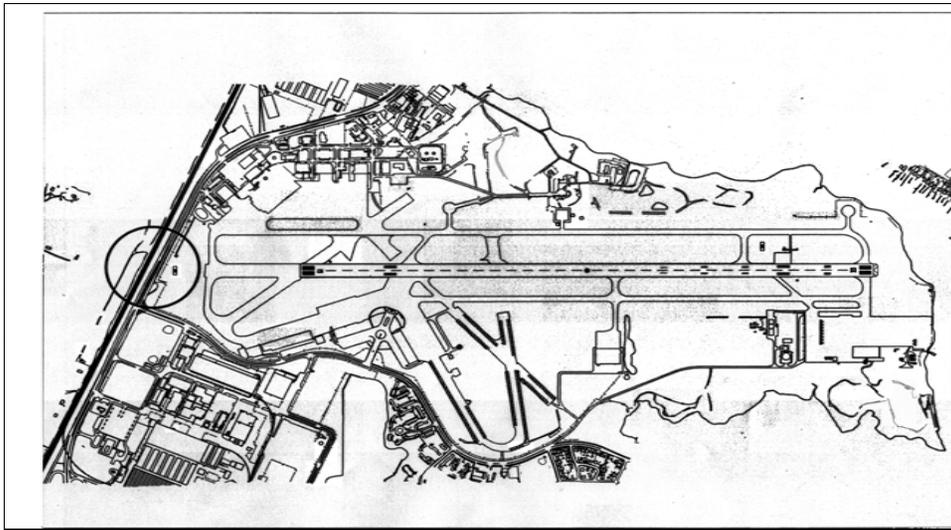
- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: New Project.

| POTENTIAL FUNDING SOURCE: | | | | | | | | | | |
|--|------------------------|------------------|-------------------|------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------|---------------------|
| <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER | | | | | | | | | | |
| PHASE | TOTAL | | | | PROJECTED CASH REQUIREMENTS | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | FOR PLANNING PURPOSES ONLY | FOR PLANNING PURPOSES ONLY | FOR PLANNING PURPOSES ONLY | FOR PLANNING PURPOSES ONLY | | |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 388 | 0 | 193 | 195 | 0 | 0 | 0 | 0 | 388 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 4,112 | 0 | 0 | 4,095 | 17 | 0 | 0 | 0 | 4,112 | 0 |
| Total | 4,500 | 0 | 193 | 4,290 | 17 | 0 | 0 | 0 | 4,500 | 0 |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



STATUS: This portion of project complete.

PROJECT: Runway 15/33 Obstruction Removal at Martin State Airport

DESCRIPTION: This project provides for the removal of runway obstructions and regains approximately 600 feet of existing paved Runway 15/33. The existing 6,996 foot runway length would be increased to 7,600 feet for civilian aircraft and 8,100 feet for military aircraft take-offs.

JUSTIFICATION: This project improves runway approaches and, in turn, usable runway length to meet requirements of the airport users.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

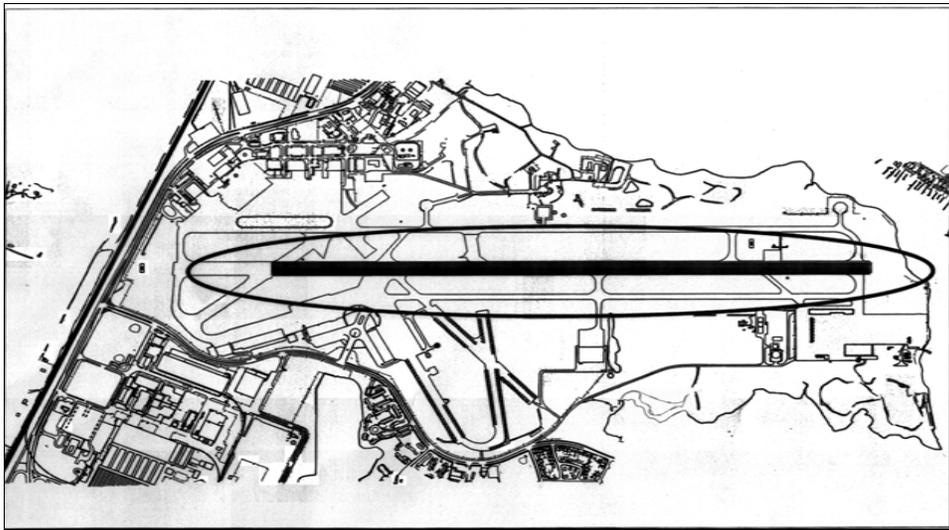
None.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Cost decreased \$4.3 million. Lowering of AMTRAK electrical transmission lines deleted pending Maryland Army National Guard/Department of Defense (MANG/DOD) resolution of funding.

| POTENTIAL FUNDING SOURCE: | | | | | | | | | | |
|---------------------------|------------------------|------------------|-------------------|---|--|----------------------------------|---|--------------|----------------|---------------------|
| | | | | <input checked="" type="checkbox"/> SPECIAL | <input type="checkbox"/> FEDERAL | <input type="checkbox"/> GENERAL | <input checked="" type="checkbox"/> OTHER | | | |
| PHASE | ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 110 | 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 778 | 720 | 58 | 0 | 0 | 0 | 0 | 0 | 58 | 0 |
| Right-of-way | 1,103 | 1,103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 752 | 752 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 2,743 | 2,685 | 58 | 0 | 0 | 0 | 0 | 0 | 58 | 0 |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

The other funding source is Maryland Air National Guard/Department of Defense (MANG/DOD funds).

1011



PROJECT: Runway 15/33 Reconstruction at Martin State Airport

DESCRIPTION: This project provides for the reconstruction of the runway at Martin State Airport. It includes the construction of a bypass taxiway parallel to Taxiway "F" and exit taxiways.

JUSTIFICATION: Reconstruction of the 50 year-old runway is needed due to continued deterioration beyond normal repairs and maintenance. The parallel taxiway will provide safe and efficient flow of aircraft between the runway and terminal areas. The additional exit taxiways will allow aircraft to exit from the runway safely and efficiently, thus reducing delays. This project is part of the Airport Master Plan improvements that contribute to the State's economic and business development.

STATUS: Final design to start in FY 2003.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

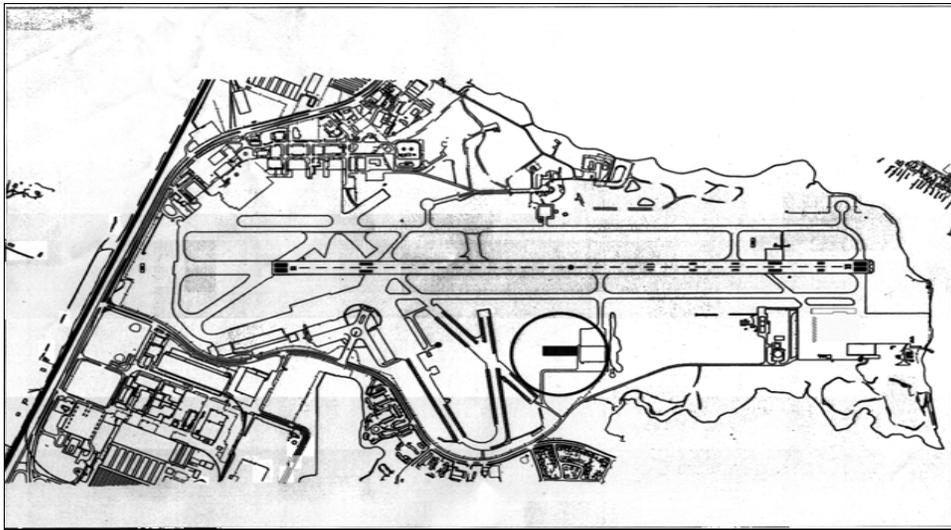
None.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Construction start deferred to FY 2003 due to resolution of design components with Federal Aviation Administration.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input checked="" type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input type="checkbox"/> OTHER | | |
|---------------------------|------------------------------|---|-------------------|---|--|----------------------------------|--------------|--------------------------------|----------------|---------------------|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 660 | 160 | 0 | 261 | 239 | 0 | 0 | 0 | 500 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 9,114 | 0 | 0 | 1,626 | 5,706 | 1,782 | 0 | 0 | 9,114 | 0 |
| Total | 9,774 | 160 | 0 | 1,887 | 5,945 | 1,782 | 0 | 0 | 9,614 | 0 |
| Federal-Aid | 8,203 | 0 | 0 | 1,464 | 5,135 | 1,604 | 0 | 0 | 8,203 | 0 |

| FEDERAL FUNDING OBLIGATIONS BY YEAR | | | |
|-------------------------------------|------|---------------|---------------------|
| PROJECT PHASE | FFY | FUND CATEGORY | FEDERAL FUND AMOUNT |
| CO | 2002 | AIP | 675 |

* Project schedule is contingent upon the availability of Federal Funds.



PROJECT: New Air Traffic Control Tower For Martin State Airport

DESCRIPTION: This project provides for the construction of a new Air Traffic Control Tower to be located in the midfield complex at Martin State Airport.

JUSTIFICATION: A new control tower would provide for greater visibility and more efficient aircraft control in and around Martin State Airport. The existing control tower is over 50 years old, and has exceeded its useful life.

STATUS: Design to begin in FY 2002.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Moved from the D&E Program to the Construction Program. Design delayed from FY 2001 to FY 2002 due to further coordination with Federal Aviation Administration concerning site selection.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input checked="" type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input type="checkbox"/> OTHER | | |
|---------------------------|------------------------------|---|-------------------|---|--|----------------------------------|--------------|--------------------------------|----------------|---------------------|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 350 | 0 | 350 | 0 | 0 | 0 | 0 | 0 | 350 | 0 |
| Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 1,800 | 0 | 406 | 697 | 697 | 0 | 0 | 0 | 1,800 | 0 |
| Total | 2,150 | 0 | 756 | 697 | 697 | 0 | 0 | 0 | 2,150 | 0 |
| Federal-Aid | 950 | 0 | 215 | 368 | 367 | 0 | 0 | 0 | 950 | 0 |

| FEDERAL FUNDING OBLIGATIONS BY YEAR | | | |
|-------------------------------------|------|---------------|---------------------|
| PROJECT PHASE | FFY | FUND CATEGORY | FEDERAL FUND AMOUNT |
| CO | 2002 | AIP | 950 |

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 23

| | DESCRIPTION AND IMPROVEMENT TYPE | TOTAL ESTIMATED COST (\$000's) | CONSTRUCTION START |
|----|---|---|-----------------------|
| | <u>FY 2002 and Prior</u> | | |
| | <u>Baltimore/Washington</u> | | |
| 1 | Landside Communication and Security Upgrade Phase I (1081) | 826 | Complete |
| 2 | Terminal Electrical Upgrades/Modifications (1061) | 647 | Complete |
| 3 | Airfield Electrical Vault - Equipment Replacement (1078) | 1,537 | Complete |
| 4 | Airfield Pavement Rehab.- FY2000 (1070) | 2,326 | Complete |
| 5 | Domestic Water Valve Replacement (1029) | 668 | Complete |
| 6 | New Tenant Modifications (1072) | 767 | Complete |
| 7 | Rail Lift System for Existing Sewage Ejector Pumps (1027) | 238 | Complete |
| 8 | Rehab. Domestic Space Frame (1068) | 247 | Complete |
| 9 | Replacement/Upgrade of Term. Bldg. Electric Rms., Phase II (1141) | 1,381 | Complete |
| 10 | Stainless Steel Column Covers (1080) | 254 | Complete |
| 11 | Substation Quick Connects (11) (1074) | 1,222 | Complete |
| 12 | Comprehensive A/E Design - AE95-001 (1041) | 844 | Complete |
| 13 | Comprehensive A/E Design - AE96-005 (1044) | 879 | Complete |
| 14 | Comprehensive Planning - AE98-004 (1052) | 1,156 | Complete |
| 15 | Comprehensive Planning Services - AE98-003 (1051) | 1,107 | Complete |
| 16 | BWI Terminal Wall Covering Replacement (1026) | 623 | Complete |
| 17 | Terminal Building Drawings on AUTOCADD (1032) | 208 | Complete |
| 18 | MAA Office Relocation/Fitout (1233) | 625 | Complete |
| 19 | R/W 15L - 33R RPZ Obstruction Removal at BWI (1018) | 907 | Underway |
| 20 | Bridge Inspection (SHA Consultant) (1023) | 176 | Underway |
| 21 | Comprehensive A/E Design - AE 95-004 (1042) | 705 | Underway |
| 22 | Comprehensive Construction Mgmt & Inspection -AE98-007 (1048) | 1,864 | Underway |
| 23 | Comprehensive Design - AE 99-007 (1056) | 115 | Underway |
| 24 | Comprehensive Design - AE 99-008 (1057) | 232 | Underway |
| 25 | Comprehensive Design - AE99-006 (1055) | 1,000 | Underway |
| 26 | Comprehensive Design Services- AE99-005 (1054) | 2,475 | Underway |
| 27 | Comprehensive Paving Improvements (1112) | 4,402 | Underway |
| 28 | Comprehensive Planning - FY2000 (1067) | 1,896 | Underway |

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 23 (cont'd)

| | DESCRIPTION AND IMPROVEMENT TYPE | TOTAL ESTIMATED COST (\$000's) | CONSTRUCTION START |
|----|---|---|-----------------------|
| | <u>FY 2002 and Prior (cont'd)</u> | | |
| | <u>Baltimore/Washington (cont'd)</u> | | |
| 29 | 800 mHz Radio System, Phase I (1154) | 275 | Underway |
| 30 | Comprehensive Commercial Facilities Planning (1085) | 1,000 | Underway |
| 31 | Environmental Upgrade-BWI Tenant Vehicle Maint. (1144) | 1,760 | Underway |
| 32 | MAC Building Renovations (1161) | 2,275 | Underway |
| 33 | MdTA Police OT-Movement of Traffic (1378) | 500 | Underway |
| 34 | New Tenant Modifications (1157) | 490 | Underway |
| 35 | Public Awareness Program (1254) | 700 | Underway |
| 36 | Sawmill Creek Watershed Enhancements (1087) | 100 | Underway |
| 37 | Comprehensive Acoustical Services- AE01-011 (1184) | 200 | Underway |
| 38 | Comprehensive Acoustical Services (1038) | 70 | Underway |
| 39 | Comprehensive Construction Mangement & Inspection Services (1188) | 2,940 | Underway |
| 40 | Electrical Feeder Cable Replacement (1379) | 367 | Underway |
| 41 | Landside Structures Program Management (1115) | 1,371 | Underway |
| 42 | Loading Bridge Replacement (1175) | 1,121 | Underway |
| 43 | Main Terminal HVAC Systems Upgrade (1076) | 1,389 | Underway |
| 44 | Maintenance Complex Relocation, Ph.I (1086) | 362 | Underway |
| 45 | Overhead Door Replacement - 10 Doors (1151) | 418 | Underway |
| 46 | Reforestation/Vegetation Mitigation (1063) | 300 | Underway |
| 47 | Satellite Parking Lot Expansion (1114) | 85 | Underway |
| 48 | Terminal Bag Claim & Concourse Flooring/Ltg Upgrade (1140) | 5,536 | Underway |
| 49 | Wildlife Management Plan & Mitigation (1181) | 650 | Underway |
| 50 | Access Control Security Devices (1298) | 600 | Spring, 2002 |
| 51 | Airfield Lighting Imp. to R/W 10-28 (1177) | 5,539 | Spring, 2002 |
| 52 | BWI Landscaping (1377) | 989 | Spring, 2002 |
| 53 | BWI Sewage System Upgrade (1025) | 2,414 | Spring, 2002 |
| 54 | Wetland Reserve and Mitigation (1024) | 700 | Underway |
| 55 | Comprehensive Design Services - AE01-007-010 (1185) | 1,750 | Spring, 2002 |
| 56 | Comprehensive Environmental Consultant Services (1071) | 56 | Spring, 2002 |

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 23 (cont'd)

| | DESCRIPTION AND IMPROVEMENT TYPE | TOTAL ESTIMATED COST (\$000's) | CONSTRUCTION START |
|----|---|---|-----------------------|
| | <u>FY 2002 and Prior (cont'd)</u> | | |
| | <u>Baltimore/Washington (cont'd)</u> | | |
| 57 | Comprehensive Paving, 2002 (1257) | 2,300 | Spring, 2002 |
| 58 | Comprehensive Planning- AE-01-005/006 (1186) | 3,000 | Spring, 2002 |
| 59 | Domestic Baggage Belt - Fire Code Compliance (1073) | 1,878 | Spring, 2002 |
| 60 | Elevator Rehab. Program (1152) | 906 | Spring, 2002 |
| 61 | Emergency Sewer Line Repair (1383) | 150 | Spring, 2002 |
| 62 | Environmental Consultant (1156) | 2,000 | Spring, 2002 |
| 63 | Exit Sign Replacement (1150) | 245 | Spring, 2002 |
| 64 | Fire Protection Engineer Services (1173) | 200 | Spring, 2002 |
| 65 | FY2002 Tenant Modifications (1179) | 500 | Spring, 2002 |
| 66 | Landside Communication & Security Upgrade, PH II (1380) | 390 | Spring, 2002 |
| 67 | Mod./Rehab of existing N.I.P. Fire Dampers, Control Work Duct Defector (1305) | 403 | Spring, 2002 |
| 68 | Pay-on-Foot Expansion (1299) | 701 | Spring, 2002 |
| 69 | Surface Movement Guidance and Control Sys. (SMGCS) (1148) | 3,778 | Spring, 2002 |
| 70 | Terminal Glazing Gasket Replacement (1036) | 1,483 | Spring, 2002 |
| 71 | Ticketing Concourse Roof Replacement (1079) | 2,355 | Spring, 2002 |
| | <u>Equipment</u> | | |
| 72 | Snow Vehicle Replacement - Carrier w/Snowblower (2) (1170) | 803 | Complete |
| 73 | Snow Vehicle Replacement - Dump Truck (1169) | 223 | Complete |
| 74 | Emergency Radio Equipment for Fire/Rescue (1096) | 210 | Complete |
| 75 | New Ambulance (1165) | 141 | Complete |
| 76 | New Fire Engine Pumper (1166) | 347 | Complete |
| 77 | New Scrubber/Sweeper Vehicle (1171) | 100 | Complete |
| 78 | Pilot for Parking Guidance System -(Installed) (1253) | 788 | Complete |
| 79 | Additional Airfield Paint Truck (1206) | 150 | Underway |
| 80 | Domestic Terminal Public Address System Upgrade (1256) | 1,000 | Underway |
| 81 | Emergency Phone Upgrade in Satellite Parking Lot (1167) | 125 | Underway |

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 23 (cont'd)

| | DESCRIPTION AND IMPROVEMENT TYPE | TOTAL ESTIMATED COST (\$000's) | CONSTRUCTION START |
|-----|--|---|-----------------------|
| | <u>FY 2002 and Prior (cont'd)</u> | | |
| | <u>Equipment (cont'd)</u> | | |
| 82 | New 10cy Capacity Front-end Loader w/ 32' Plow (1202) | 309 | Underway |
| 83 | New 4,000 Gallon De-icer Truck w/ Broom (1201) | 213 | Underway |
| 84 | New 4x4 Dump Truck w/ 22' Plow (1) (1203) | 214 | Underway |
| 85 | One Additional Snowblower (1204) | 313 | Underway |
| 86 | Snow Equipment Replacement - R/W Broom (1199) | 276 | Underway |
| 87 | Snow Equipment Replacement- Snowblower (1200) | 313 | Underway |
| 88 | 800 Mhz Emergency Digital Trunked Radio System (1334) | 3,800 | Spring, 2002 |
| 89 | BWI Communication Closet Security Modification (1103) | 1,320 | Spring, 2002 |
| | <u>Martin State</u> | | |
| 90 | Replacement T-Hangars for MTN (20) (1093) | 463 | Complete |
| 91 | Rehab. of Fire Sprinkler & Heating System - LL #1-3 (1091) | 1,377 | Complete |
| 92 | Aircraft Deicing Equipment for MTN (1163) | 127 | Complete |
| 93 | Part 150 Study for MTN Airport (1094) | 100 | Complete |
| 94 | MTN - Environmental Protection Improvements (1088) | 595 | Underway |
| 95 | Electr. Renovation to Hangar Doors 1-6 @ MTN (1195) | 272 | Underway |
| 96 | Purchase of 30 Replacement T-Hangar, Phase II (1164) | 625 | Underway |
| 97 | Purchase of MTN Hangar (1136) | 475 | Underway |
| 98 | MTN Ramp Extension (1194) | 395 | Spring, 2002 |
| | <u>Regional Aviation</u> | | |
| 99 | Cumberland Municipal Airport Loan (1110) | 1,874 | Complete |
| 100 | Pavement Management Analysis for Regional Airports (1236) | 331 | Complete |
| 101 | Aid to Public/Private Airports (MAPA-50%) (1106) | 700 | Underway |
| 102 | Cambridge/Dorchester County Airport Grant (1234) | 997 | Underway |
| 103 | Kent County Assistance (1229) | 1,464 | Underway |

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 23 (cont'd)

| | DESCRIPTION AND IMPROVEMENT TYPE | TOTAL ESTIMATED COST (\$000's) | CONSTRUCTION START |
|-----|--|---|-----------------------|
| | <u>FY 2002 and Prior (cont'd)</u> | | |
| | <u>Regional Aviation (cont'd)</u> | | |
| 104 | Regional Aviation Program (1107) | 330 | Underway |
| 105 | State Public/Private Heliport-Vertiport System Plan Study (1235) | 500 | Underway |
| 106 | Statewide Aviation Grants (AIP-5%) (1105) | 750 | Underway |
| | <u>FY 2003</u> | | |
| | <u>Baltimore/Washington</u> | | |
| 107 | Commercial Management CADD (1043) | 200 | Summer, 2002 |
| 108 | Landside Structures Program Management (1115) | 2,351 | Summer, 2002 |
| 109 | Loading Bridge Replacement (1175) | 3,293 | Summer, 2002 |
| 110 | Maintenance Complex Relocation, Ph.I (1086) | 4,540 | Summer, 2002 |
| 111 | Runway Safety Areas Study (1123) | 2,000 | Summer, 2002 |
| 112 | Taxiway D Rehab & Overlay (1296) | 2,688 | Summer, 2002 |
| 113 | Tenant Mods (1277) | 620 | Summer, 2002 |
| 114 | Additional Airport Triturator Building (1317) | 441 | Fall, 2002 |
| 115 | AVI System at BWI (1275) | 1,185 | Fall, 2002 |
| 116 | Garage Entrance Canopy (1192) | 450 | Fall, 2002 |
| 117 | Install Domestic Water Strainers on Incoming Water Supp (1190) | 390 | Fall, 2002 |
| 118 | Installation of Cable/Conduit for Airfield Lighting (1180) | 305 | Fall, 2002 |
| 119 | Lighting Cable Replacement in Satellite Blue Lot (1189) | 260 | Fall, 2002 |
| 120 | New Tenant Office Space-N. Terminal UL (1159) | 1,118 | Fall, 2002 |
| 121 | Renovate Friendship Centre (1193) | 800 | Fall, 2002 |
| 122 | CUTE for International Terminal Buildout (1244) | 2,500 | Fall, 2002 |
| 123 | Replace/Upgrade Existing Electrical Substation A & B (1174) | 1,750 | Fall, 2002 |
| 124 | Second Joint Use Club (1249) | 1,188 | Fall, 2002 |
| 125 | Terminal Bldg Interior Mods/Improvements (1255) | 2,850 | Fall, 2002 |
| 126 | Environment Consultant -FY02-03 (1183) | 2,000 | Spring, 2003 |

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

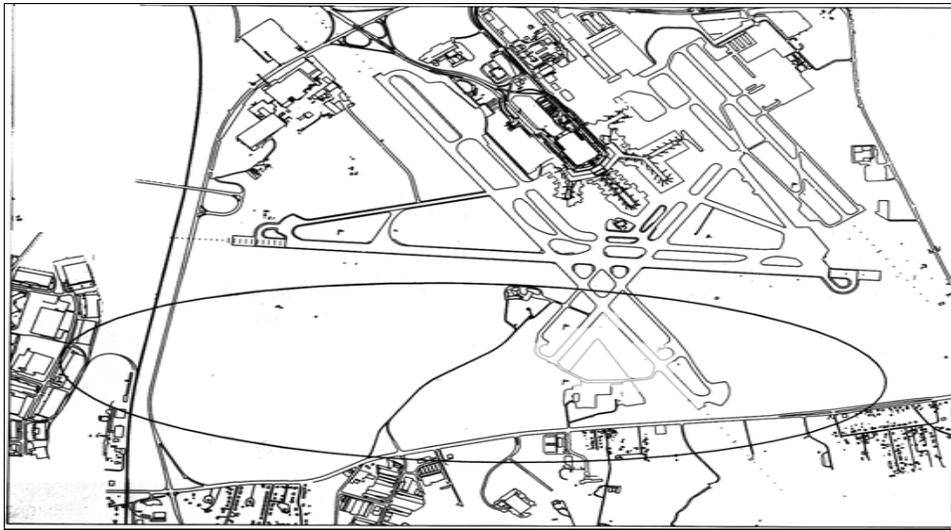
MARYLAND AVIATION ADMINISTRATION - LINE 23 (cont'd)

| | DESCRIPTION AND IMPROVEMENT TYPE | TOTAL ESTIMATED COST (\$000's) | CONSTRUCTION START |
|-----|---|---|-----------------------|
| | <u>FY 2003 (cont'd)</u> | | |
| | <u>Baltimore/Washington (cont'd)</u> | | |
| 127 | MIS Office Relocation (1155) | 636 | Spring, 2003 |
| | <u>Equipment</u> | | |
| 128 | 1985 Mack De-Icing Truck with Broom #9343 Snow Vehicle Replmt. (1345) | 180 | Summer, 2002 |
| 129 | 1989 Idaho Norland #8904 Snow Vehicle Replacement (1341) | 405 | Summer, 2002 |
| 130 | 1989 Snow Blast #8906 Snow Vehicle Replacement (1343) | 405 | Summer, 2002 |
| 131 | MAA Airport Technology Master Plan & Strategic Plan (1330) | 750 | Summer, 2002 |
| 132 | New Aerial Platform Ladder Truck (1207) | 580 | Summer, 2002 |
| 133 | New Ambulance Vehicle (1205) | 138 | Summer, 2002 |
| 134 | FIDS/BIDS Upgrade (1335) | 1,308 | Fall, 2002 |
| | <u>Martin State</u> | | |
| 135 | Comprehensive Paving Phase II @ MTN (1092) | 458 | Summer, 2002 |
| 136 | Fiber Optic/CCTV Installation (1357) | 383 | Summer, 2002 |
| 137 | Ramp Extension (1358) | 1,054 | Summer, 2002 |
| 138 | Rehab of Plumbing Sys. (1365) | 620 | Summer, 2002 |
| 139 | Replacement of Main High Voltage Switch Gear (1360) | 259 | Summer, 2002 |
| 140 | Strawberry Point Lighting (1362) | 415 | Summer, 2002 |
| 141 | Direct Digital HVAC Control at MTN (1197) | 520 | Fall, 2002 |
| 142 | New T-Hangar Ramp Extension at MTN (1196) | 1,180 | Spring, 2003 |
| 143 | Purchase New T-Hangars (20) (1198) | 500 | Spring, 2003 |
| | <u>Regional Aviation</u> | | |
| 144 | Aid to Public/Private Airports (MAPA-50%) (1106) | 700 | Summer, 2002 |
| 145 | Regional Aviation Program (1107) | 225 | Summer, 2002 |

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 23 (cont'd)

| | DESCRIPTION AND IMPROVEMENT TYPE | TOTAL ESTIMATED COST (\$000's) | CONSTRUCTION START |
|-----|--|---|-----------------------|
| 146 | <p><u>FY 2003 (cont'd)</u></p> <p><u>Regional Aviation (cont'd)</u></p> <p>Statewide Aviation Grants (AIP-5%) (1105)</p> | 750 | Summer, 2002 |



PROJECT: BWI Environmental Analysis- South Airport Land Use Plan

DESCRIPTION: Study of environmental impacts for the development of projects that include a parallel air carrier runway, air cargo development, aircraft maintenance hangar, and associated infrastructure, south of existing Runway 10/28.

JUSTIFICATION: These projects were recommended as part of the BWI Airport Master Plan in order to accommodate increased demand for air services. This project will contribute to the State's economic and business development as well as identify areas to enhance the environment of neighboring communities.

STATUS: Environmental inventories completed in FY 1996. MAA and FAA conducted a study of the airport capacity and future traffic requirements for the new parallel runway to establish the time frame for environmental studies and development. Preliminary alignment report due in FY 2002.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

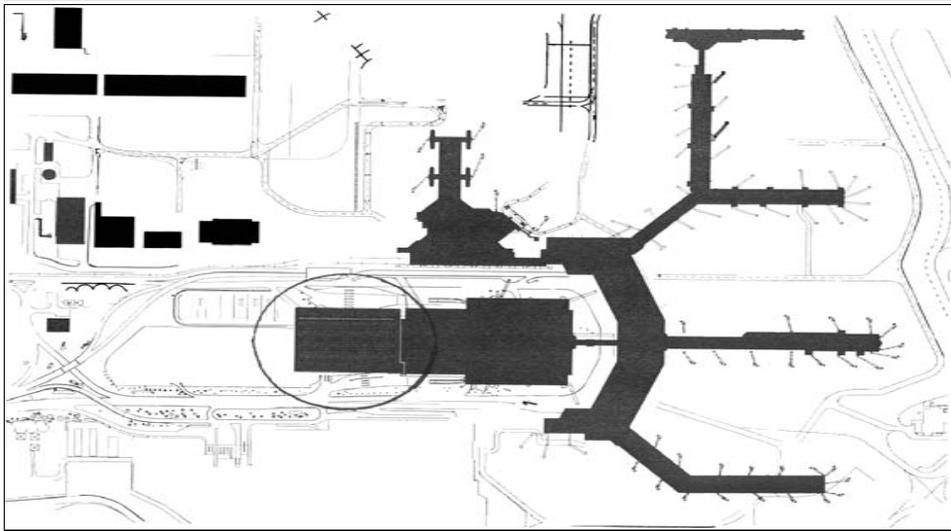
ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Cost increased \$.7 million to accommodate more extensive environmental studies.

| POTENTIAL FUNDING SOURCE: | | | | | | | | | | |
|---|------------------------------|------------------------|-------------------|------------------|--|--------------|--------------|--------------|----------------|---------------------|
| <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER | | | | | | | | | | |
| PHASE | TOTAL ESTIMATED COST (\$000) | TOTAL EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 2,431 | 398 | 329 | 1,000 | 704 | 0 | 0 | 0 | 2,033 | 0 |
| Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 2,431 | 398 | 329 | 1,000 | 704 | 0 | 0 | 0 | 2,033 | 0 |
| Federal-Aid | 1,500 | 0 | 222 | 750 | 528 | 0 | 0 | 0 | 1,500 | 0 |

| FEDERAL FUNDING OBLIGATIONS BY YEAR | | | |
|-------------------------------------|------|---------------|---------------------|
| PROJECT PHASE | FFY | FUND CATEGORY | FEDERAL FUND AMOUNT |
| PP | 2002 | AIP | 1,500 |



PROJECT: Terminal Parking Garage Expansion, Phase II, at BWI Airport

DESCRIPTION: This project provides for the design of a 3,000 space extension to the existing 5,600 space parking garage located in front of the main terminal building.

JUSTIFICATION: Public parking demand is projected to increase 50% by 2010. Provision of adequate close-in parking adjacent to the terminal is critical for meeting business and other traveler's needs. This project contributes to the State's economic and business development.

STATUS: Design to start in FY 2003.

SMART GROWTH STATUS

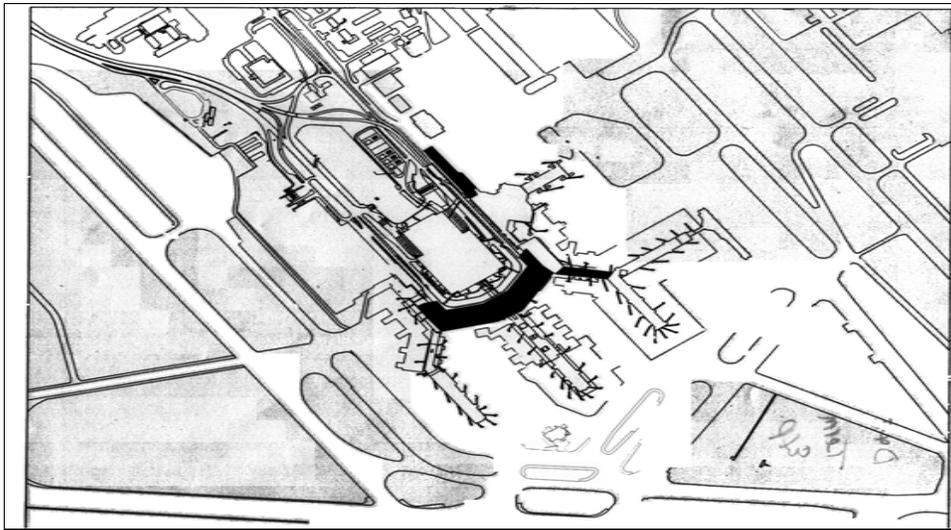
- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

[New Elm Road Public Parking Structure and Surface Lot at BWI Airport -- Line 12](#)

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Design delayed from FY 2002 to FY 2003 to further evaluate the scope.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL | | <input type="checkbox"/> FEDERAL | | <input type="checkbox"/> GENERAL | | <input checked="" type="checkbox"/> OTHER | | | |
|---------------------------|------------------------------|---|-------------------|----------------------------------|--|----------------------------------|--------------|---|----------------|---------------------|--|
| PHASE | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE | |
| | | | | |2004.... |2005.... |2006.... |2007.... | | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Engineering | 3,300 | 0 | 0 | 1,964 | 1,318 | 18 | 0 | 0 | 3,300 | 0 | |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total | 3,300 | 0 | 0 | 1,964 | 1,318 | 18 | 0 | 0 | 3,300 | 0 | |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |



STATUS: Project planning underway.

PROJECT: Terminal Building Expansion at BWI Airport

DESCRIPTION: This analysis will identify various expansion alternatives for the existing terminal building and address the feasibility and/or cost of each alternative, including potential impacts on public parking or other airport facilities and/or services. Areas to be evaluated include construction of a new Concourse F, widening of Concourse D, and expansion at the rear of the central terminal.

JUSTIFICATION: BWI has experienced significant growth over the past few years with passenger levels projected to increase by 37% by 2010. Undertaking planning and preliminary design at this time will provide MAA with the necessary expansion options to be responsive to passenger, airline and air service needs.

SMART GROWTH STATUS

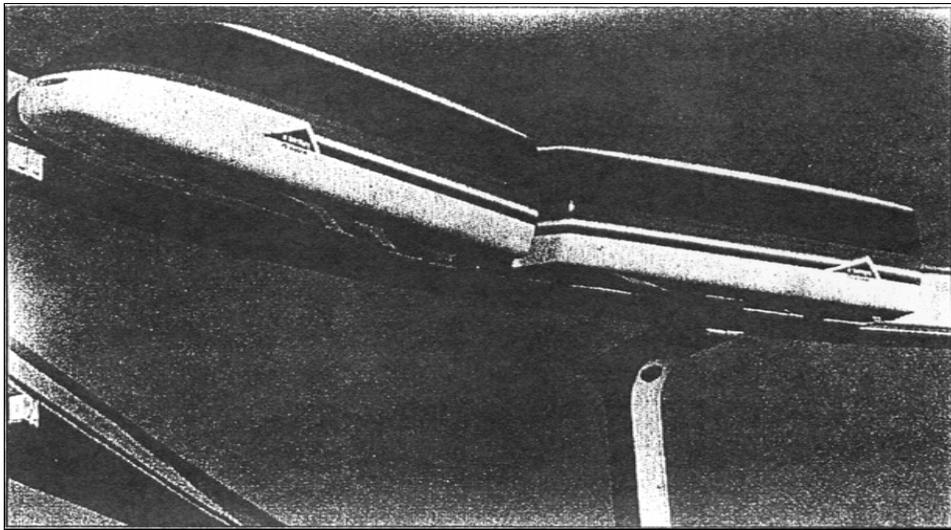
- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: None.

| POTENTIAL FUNDING SOURCE: | | | | | | | | | | |
|--|------------------------|------------------|-------------------|------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------|---------------------|
| <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER | | | | | | | | | | |
| PHASE | TOTAL | | | | PROJECTED CASH REQUIREMENTS | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | FOR PLANNING PURPOSES ONLY | FOR PLANNING PURPOSES ONLY | FOR PLANNING PURPOSES ONLY | FOR PLANNING PURPOSES ONLY | | |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 14,200 | 760 | 3,751 | 4,908 | 1,879 | 1,879 | 1,023 | 0 | 13,440 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 14,200 | 760 | 3,751 | 4,908 | 1,879 | 1,879 | 1,023 | 0 | 13,440 | 0 |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



PROJECT: People Mover System, Phase I, at BWI Airport

DESCRIPTION: The project involves environmental studies and conceptual design for a people mover system at BWI. The proposed Phase I system includes an alignment from the terminal building to the BWI Rail Station and Consolidated Rental Car Facility, including intermediate connections to the parking facilities along Elm Road. The analysis will include station sites, pedestrian and shuttle bus access, and a system maintenance facility.

JUSTIFICATION: The proposed people mover system will provide the necessary additional capacity to address the projected increase in passenger levels and resultant traffic congestion on the terminal roadway system at BWI. A people mover system will allow for better access and traffic management of the multiple modes of transportation serving the airport; private vehicles, shuttle buses, and commercial vehicles. The system will also improve air quality and contribute to the State's economic and business development.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA Project Outside PFA; Subject to Exception
- Grandfathered Exception Approved by BPW/MDOT

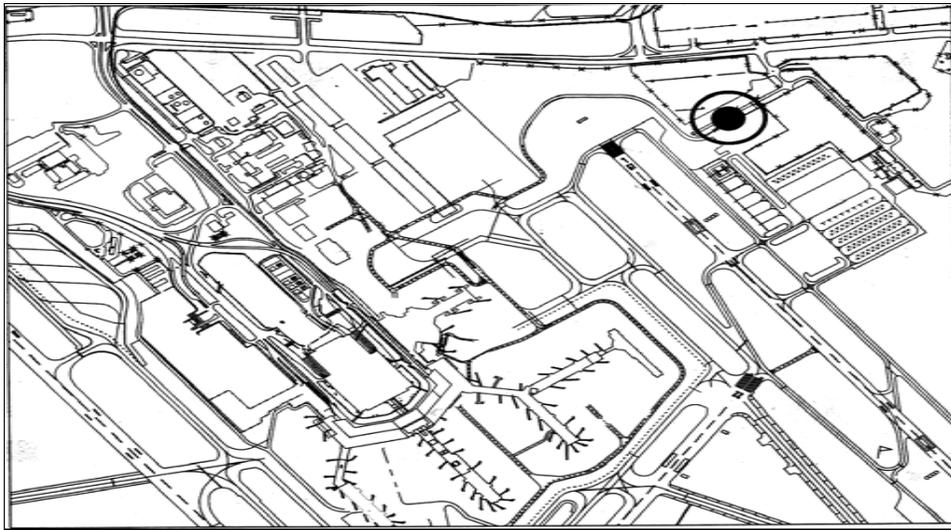
ASSOCIATED IMPROVEMENTS:

None.

STATUS: Planning and environmental analysis to begin in FY 2003.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Planning delayed from FY 2002 to FY 2003 to better coordinate with the airport expansion.

| POTENTIAL FUNDING SOURCE: | | | | | | | | | | |
|---------------------------|--|------------------|-------------------|------------------|--|--------------|--------------|--------------|----------------|---------------------|
| | <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER | | | | | | | | | |
| PHASE | ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 2,000 | 0 | 0 | 2,000 | 0 | 0 | 0 | 0 | 2,000 | 0 |
| Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 2,000 | 0 | 0 | 2,000 | 0 | 0 | 0 | 0 | 2,000 | 0 |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



PROJECT: New Terminal Area Fire Station at BWI Airport

DESCRIPTION: This project involves the construction of a second, limited function, fire station to be located in the terminal area. Work will include final site selection and design of the station facility with four vehicle bays and crew quarters.

JUSTIFICATION: The continuing increase in terminal related responses by the BWI Fire Rescue Department (FRD) necessitates the location of a station in the immediate vicinity of the terminal to improve response times. This facility would have a limited number of equipment and personnel and would compliment the existing, main FRD facility located adjacent to the main jet runways.

SMART GROWTH STATUS

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

STATUS: Design to start in FY 2004.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Design delayed from FY 2002 to FY 2004 due to the national economic slowdown.

| POTENTIAL FUNDING SOURCE: | | | | | | | | | | |
|--|------------------------|------------------|-------------------|------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------|---------------------|
| <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER | | | | | | | | | | |
| PHASE | TOTAL | | | | PROJECTED CASH REQUIREMENTS | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | ESTIMATED COST (\$000) | EXPEND THRU 2001 | CURRENT YEAR 2002 | BUDGET YEAR 2003 | FOR PLANNING PURPOSES ONLY | FOR PLANNING PURPOSES ONLY | FOR PLANNING PURPOSES ONLY | FOR PLANNING PURPOSES ONLY | | |
| | | | | |2004.... |2005.... |2006.... |2007.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 279 | 0 | 0 | 0 | 279 | 0 | 0 | 0 | 279 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 279 | 0 | 0 | 0 | 279 | 0 | 0 | 0 | 279 | 0 |
| Federal-Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |